Acer LCD TV

AT3704

AT3202/AT3204

AT2703/AT2704

AT2602/AT2604

User's Guide

Contents

Important safety instructions 3
- Disposal instructions 4

First things first 7
- Basic features and benefits of your Acer LCD TV 7
- Packing checklist 7

Your LCD TV overview 8
- Front panel view 8
- Bottom panel view 9

Remote control 10
- General keys 10
- Teletext 11

Basic connections 12
- Connecting the power cord 12
- Setting up the remote control 12

Enjoying analog TV 13
- Connecting an antenna/cable 13
- Getting started watching your TV 13

Connecting external audio/video devices 16
- Connecting a DVD, VCR, STB or audio/video equipment 16
- Connecting a camera, camcorder, video game or headphones 17
- Connecting a PC or notebook computer 17
- Selecting the input source 17

OSD navigation 18
- Navigating the OSD with the remote control 18
- Adjusting the OSD settings 19

Empowering Technology 20
- Set-up Empowering mode 20
- Default setting in different Empowering mode 21

Advanced features 22
- PIP/PBP/POP 22
- Lock TV 24
- Widescreen display mode 27

Dimensions 28
- AT3704 28
- AT3202/AT3204 29
- AT2703/AT2704 30
- AT2602/AT2604 31

Appendix-Source Options 32
- PIP/PBP 32
- POP 32

Troubleshooting 33

Product specifications 34

Copyright © 2006. Acer Incorporated.
All Rights Reserved.

Acer LCD TV User's Guide
Original Issue: January 2006

Changes may be made periodically to the information in this publication without obligation to notify any person of such revisions or changes. Such changes will be incorporated in new editions of this manual or supplementary documents and publications. This company makes no representations or warranties, either expressed or implied, with respect to the contents hereof and specifically disclaims the implied warranties of merchantability or fitness for a particular purpose.

Record the model number, serial number, purchase date, and place of purchase information in the space provided below. The serial number and model number are indicated on the label affixed to your device. All correspondence concerning your unit should include the serial number, model number, and purchase information.

No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronically, mechanically, by photocopy, recording, or otherwise, without the prior written permission of Acer Incorporated.

Model Number: _____

Serial Number: _____

Purchase Date: _____

Place of Purchase: _____

Acer and the Acer Logo are registered trademarks of Acer Inc. Other companies' product names or trademarks are used herein for identification purposes only and belong to their respective companies.

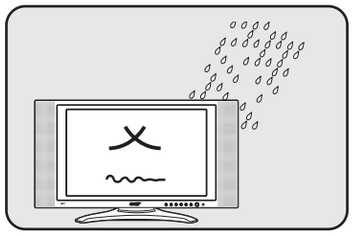
Important safety instructions

Read these instructions carefully. Please put them somewhere safe for future reference.

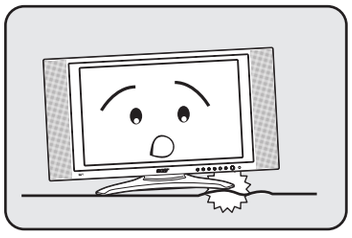
1 Follow all warnings and instructions marked on the product.

2 Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

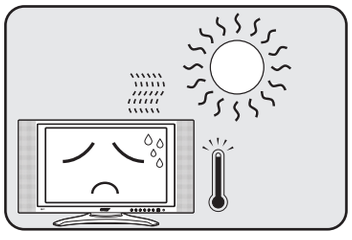
3 Do not use this product near water.



4 Do not place this product on an unstable cart, stand or table. The product may fall, sustaining serious damage.

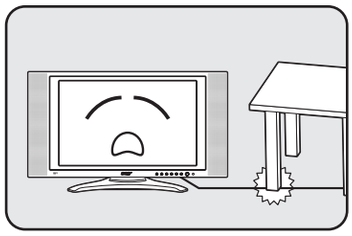


5 Slots and openings are provided for ventilation; to ensure reliable operation of the product and to protect it from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug or other similar surface. This product should never be placed near or over a radiator or heat register or in a built-in installation unless proper ventilation is provided.



6 This product should be operated from the type of power indicated on the marking label. If you are not sure of the type of power available, consult your dealer or local power company.

7 Do not allow anything to rest on the power cord. Do not locate this product where the cord will be stepped on.



8 If an extension cord is used with this product, make sure that the total ampere rating of the equipment plugged into the extension cord does not exceed the extension cord ampere rating. Also, make sure that the total rating of all products plugged into the wall outlet does not exceed the fuse rating.

9 Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short-out parts, which could result in a fire or electric shock. Never spill liquid of any kind on the product.

10 Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage points or other risks. Refer all servicing to qualified service personnel.

11 Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

a. When the power cord or plug is damaged or frayed.

b. If liquid has been spilled into the product.

c. If the product has been exposed to rain or water.

d. If the product does not operate normally when the operating instructions are followed. Adjust only those controls that are covered by the operating instructions. Improper adjustment of other controls could result in damage; extensive work by a qualified technician might then be required to restore the product to normal condition.

e. If the product has been dropped or the case has been damaged.

f. If the product exhibits a distinct change in performance, indicating a need for service.

12 Use only the proper type of power supply cord set (provided in your accessories box) for this unit. Always disconnect the power cord from the wall outlet before servicing or disassembling this equipment.

13. Do not overload an electrical AC outlet, power strip, or convenience receptical. The overall system load must not exceed 80% of the branch circuit rating. If power strips are used, the load should not exceed 80% of the power strip input rating.

7in1_User Guide_EU indb 3 2006/1/24 ¤U¤È 05:29:52

14 Some products are equipped with a three-wire electrical grounding-type plug that has a third pin for grounding. This plug only fits into a grounded electrical outlet. This is a safety feature. Make sure the AC outlet is properly grounded. Do not defeat the safety purpose of the grounding-type plug by trying to insert it into a non-grounded outlet. If you cannot insert the plug into the outlet, contact your electrician to replace the obsolete outlet.

The grounding pin is an important safety feature. It is possible to receive an electric shock from a system that is not properly grounded

The grounding pin is also providing good immunity ability against unexpected noise that interferes performance of this product and is produced by other nearby electrical devices.

Disposal instructions

Do not throw this electronic device into the trash when discarding. To minimize pollution and ensure utmost protection of the global environment, please recycle.

For more information regarding WEEE, please refer to http://global.acer.com/about/environmental.htm

USA

For electronic products containing an LCD/CRT monitor or display:

Lamp(s) inside this product contain mercury and must be recycled or disposed of according to local, state or federal laws. For more information, contact the Electronic Industries Alliance at www.eiae.org. For lamp-specific disposal information, check www.lamprecycle.org.

FCC Notice

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio or television reception, which can be determined by turning the device off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the device and receiver.
- Connect the device into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/television technician for help.

Notice: Shielded cables

All connections to other computing devices must be made using shielded cables to maintain compliance with FCC regulations.

Notice: Peripheral devices

Only peripherals (input/output devices, terminals, printers, etc.) certified to comply with the Class B limits may be attached to this equipment. Operation with non-certified peripherals is likely to result in interference to radio and TV reception.

Caution

Changes or modifications not expressly approved by the manufacturer could void the user's authority, which is granted by the Federal Communications Commission, to operate this computer.

Operation conditions

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Notice: Canadian users

This Class B digital apparatus complies with Canadian ICES-003.

Remarque à l'intention des utilisateurs canadiens

Cet appareil numérique de la classe B est conforme a la norme NMB-003 du Canada.

European Union (EU)

This device complies with the essential requirements of the European Council:

The EMC Directive 89/336/EEC as attested by conformity with the following harmonized standards:

7in1_User Guide_EU.indb 4 2006/1/24 오전 05:29:56

EN55013: 2001+A1: 2003: Sound and television broadcast receivers and associated equipment - Radio disturbance characteristics - Limits and methods of measurement.

EN55020: 2002+A1: 2003: Sound and television broadcast receivers and associated equipment - Immunity characteristics - Limits and methods of measurement.

EN55022:1998/A1:2000; AS/NZS CISPR 22: 2002: Limits and methods of measurement of Radio Interference characteristics of Information Technology Equipment.

EN55024: 1998/A1: 2001; AS/NZS CISPR 24: 1997: Information technology equipment-Immunity characteristics - Limits and methods of measurement.

The Low Voltage Directive 73/23/EEC as attested by conformity with the following harmonized standard:

EN60065: 1998: Audio, video and similar electronic apparatus-safety requirements.

EN60950: 2000 3rd: Safety of Information Technology Equipment Including electrical business equipment.

LCD pixel statement

The LCD unit is produced with high-precision manufacturing techniques. Nevertheless, some pixels may occasionally misfire or appear as black or red dots. This has no effect on the recorded image and does not constitute a malfunction.

Radio device regulatory notice

Below regulatory information is for models with wireless LAN and/or Bluetooth only.

General

This product complies with the radio frequency and safety standards of any country or region in which it has been approved for wireless use. Depending on configurations, this product may or may not contain wireless radio devices (such as wireless LAN and/or Bluetooth modules). Below information is for products with such devices.

European Union (EU)

This device complies with the essential requirements of the European Council Directives listed below:

73/23/EEC Low Voltage Directive

- EN 60950
- EN 60065

89/336/EEC Electromagnetic Compatibility (EMC) Directive

- EN 55013
- EN 55020
- EN 55024
- EN 61000-3-2/-3

99/5/EC Radio & Telecommunications Terminal Equipment (R&TTE) Directive

- Art.3.1a) EN 60950
- Art.3.1b) EN 301 489 -1/-17
- Art.3.2) EN 300 328-2
- Art.3.2) EN 301 893 *applies to 5 GHz only

List of applicable countries

EU member states as of May 2004 are: Belgium, Denmark, Germany, Greece, Spain, France, Ireland, Italy, Luxembourg, the Netherlands, Austria, Portugal, Finland, Sweden, United Kingdom Estonia, Latvia, Lithuania, Poland, Hungary, Czech Republic, Slovak Republic, Slovenia, Cyprus and Malta. Usage allowed in the countries of European Union, as well as Norway, Switzerland, Iceland and Liechtenstein. This device must be used in strict accordance with the regulations and constraints in the country of use. For further information, please contact local office in the country of use.

The FCC RF safety requirement

The radiated output power of the wireless LAN Mini PCI Card and Bluetooth card is far below the FCC radio frequency exposure limits. Nevertheless, the notebook PC series shall be used in such a manner that the potential for human contact during normal operation is minimized as follows:

1. This device is restricted to indoor use due to its operation in the 5.15 to 5.25 GHz frequency range. FCC requires this product to be used indoors for the frequency range 5.15 to 5.25 GHz to reduce the potential for harmful interference to co-channel Mobile Satellite systems.

7in1_User Guide_EU indb 5 2006/1/24 ¤U¤È 05:29:56

2. High power radar are allocated as primary users of the 5.25 to 5.35 GHz and 5.65 to 5.85 GHz bands. These radar stations can cause interference with and/or damage this device.
3. An improper installation or unauthorized use may cause harmful interference to radio communications. Also any tampering of the internal antenna will void the FCC certification and your warranty.

Canada — Low-power license-exempt radiocommunication devices (RSS-210)

A. Common informationOperation is subject to the following two conditions:

1. This device may not cause interference, and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

B. Operation in 2.4 GHz band

To prevent radio interference to the licensed service, this device is intended to be operated indoors and installation outdoors is subject to licensing.

C. Operation in 5 GHz band

- The device for the band 5150-5250 MHz is only for indoor usage to reduce potential for harmful interference to co-channel Mobile Satellite systems.
- High power radars are allocated as primary users (meaning they have priority) of 5250-5350 MHz and 5650-5850 MHz and these radars could cause interference and/or damage to LELAN (Licence-Exempt Local Area Network) devices.

Exposure of humans to RF fields (RSS-102)

The notebook PC series employs low gain integral antennas that do not emit RF field in excess of Health Canada limits for the general population; consult Safety Code 6, obtainable from Health Canada's website at www.hc-sc.gc.ca/rpb.

Compliant with Russian regulatory certification

ME61

(for 5GHz device)

7in1_User Guide_EU indb 6 2006/1/24 ¤U¤È 05:29:57

First things first

We would like to thank you for making the Acer LCD TV your choice. With proper care, your new Acer LCD TV will provide you with years of entertainment and satisfaction.

This User's Guide introduces you to the various features your LCD TV can offer, and provides clear and concise information about the product, so please read it thoroughly and retain it for future reference.

Basic features and benefits of your Acer LCD TV

- Widescreen display with HDMI-ready* / HD-ready** display
- Widescreen display with 1366 x 768 resolution
- Four different picture-in-picture modes for simultaneous previewing of programmes
- Remote control for ultimate convenience
- Gamma Correction for brilliant color
- 3D motion-adaptive de-interlacing for exquisite details up to 720p
- DCTI, DLTI and 3D comb filtering for sharp and accurate images
- Acer Empowering Technology for selecting and defining personalized user preferences

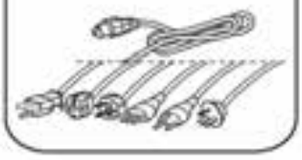
Packing checklist

Your LCD TV package should contain the following accessories, in addition to the accessory box. Please ensure that they are all present. If any of the items is missing, then please contact your retailer.

SCART cable (x1)

Remote control (x1)
AAA batteries (x2)

Power cord (x1)***



User's Guide
Quick Guide

Warranty card

*HDMI-ready only for AT2604/AT2704/AT3204/AT3704.

**HD-ready only for AT2604/AT2703/AT2704/AT3204/AT3704.

***The power cord supplied varies according to your region.

7in1_User Guide_EU.indb 7 2006/1/24 ¿U¿È 05:30:02

Your LCD TV overview

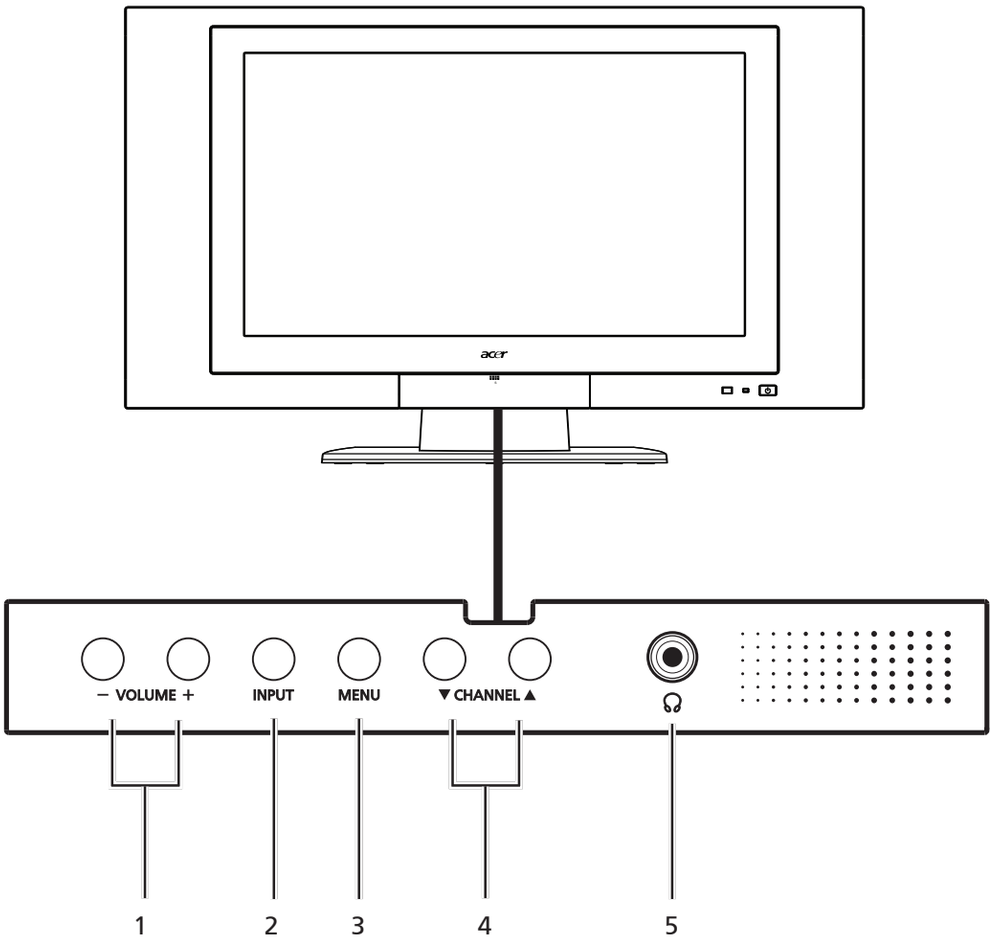
AT3704

AT3202/AT3204

AT2703/AT2704

AT2602/AT2604

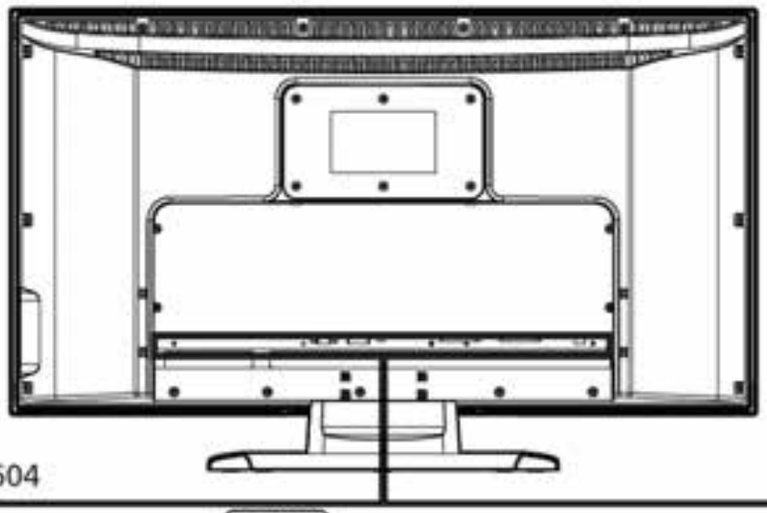
Front panel view	
1	Volume up/down
2	Input key
3	Menu key
4	Channel up/down
5	Headphone jack



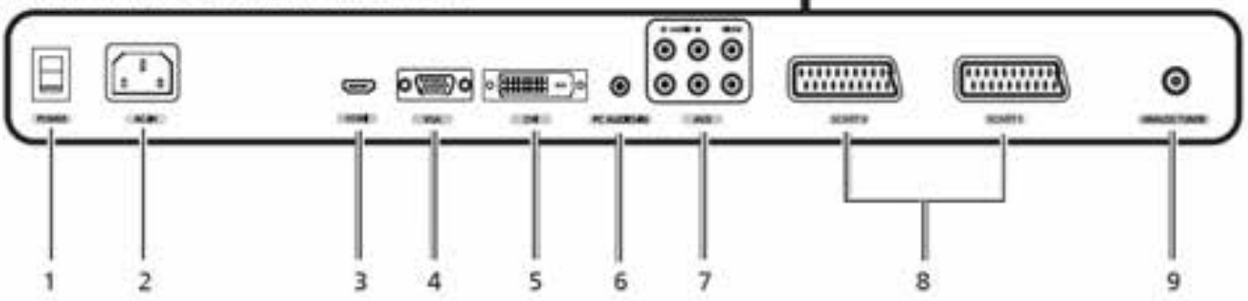
1	+ VOLUME −	Volume up	When the OSD is on, functions the same as the Right arrow
		Volume down	When the OSD is on, functions the same as the Left arrow
2	INPUT	Input key	When the OSD is on, press this button to confirm selection
3	MENU	Menu key	Turns the OSD menu ON and OFF
4	▲ CHANNEL ▼	Channel up	When the OSD is on, functions the same as the Up arrow
		Channel down	When the OSD is on, functions the same as the Down arrow

7in1_User Guide_EU indb 8 2006/1/24 ¤U¤È 05:30:04

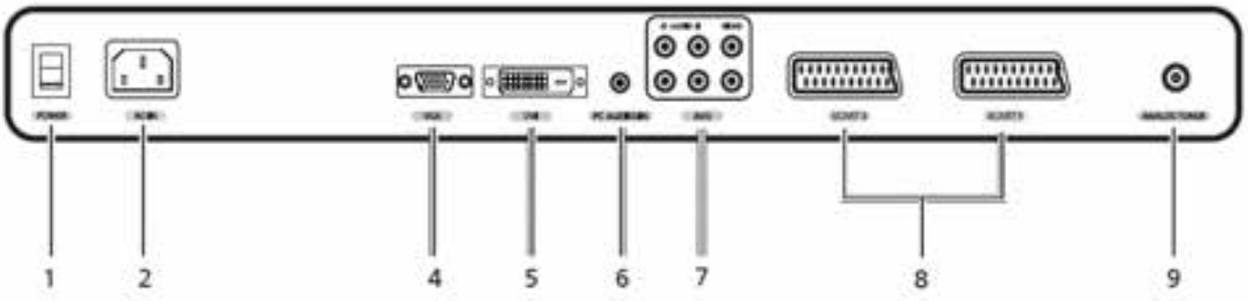
Bottom panel view	
1	Power switch
2	AC-in
3	*HDMI-in
4	VGA-in
5	**DVI-in
6	Audio-in
7	AV-in
8	SCART x 2
9	Analog antenna-in



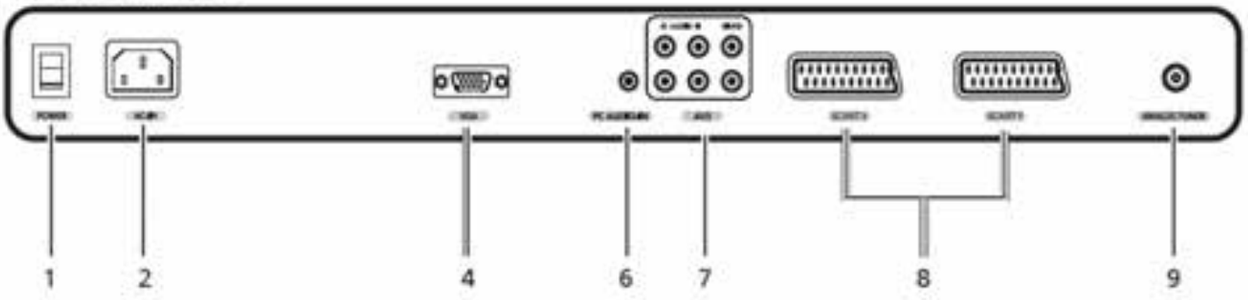
AT3704/AT3204/AT2704/AT2604



AT2703



AT3202/AT2602



For AV3, Composite and component inputs share the same audio ports.

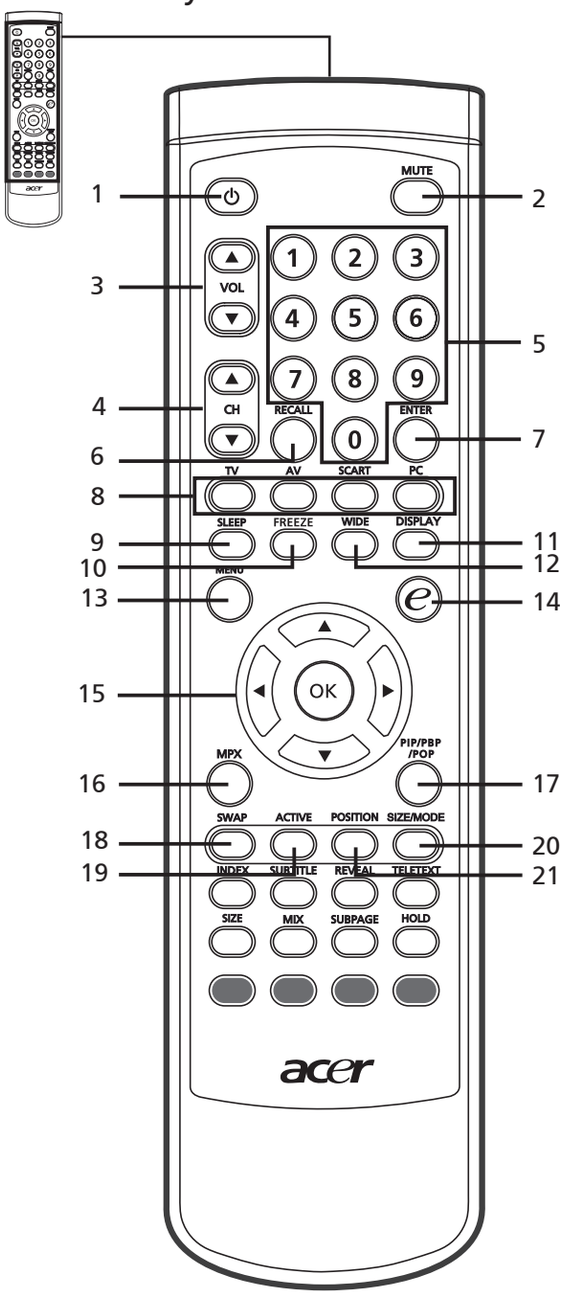
* HDMI only for AT2604/AT2704/AT3204/AT3704

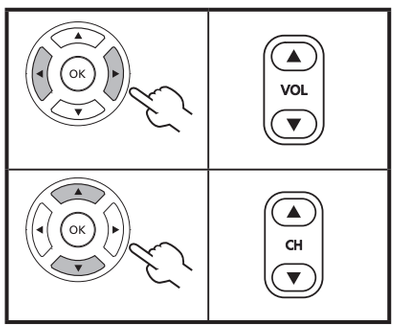
** DVI only for AT2604/AT2703/AT2704/AT3204/AT3704

7in1_User Guide_EU multi 9
2006/1/24 ¤U¤È 05:30:06

Remote control

General keys





1 **POWER**
Press to turn your TV on/off.

2 **MUTE**
Press to toggle audio on and off.

3 **VOL (up/down)**
Press this buttons to increase or decrease the volume.

4 **CH (up/down)**
Press this buttons to sequentially select the TV channel.

5 **Number keys**.

6 **RECALL**
Press to return to the previous channel.

7 **ENTER**
Press to confirm channel number selection.

8 **Input buttons (TV/AV/SCART/PC)**
Press to select correct input mode.

9 **SLEEP**
Press to set a time period after which the TV will switch itself to standby (15, 30, 45, 60, 90 or 120 minutes).

10 **FREEZE**
Press to freeze the displayed picture.

11 **DISPLAY**
Press to display input/channel information (dependent on input/source type).

12 **WIDE**
Press to toggle scaling mode between 4:3, 16:9, Panorama and Letterbox 1, 2, 3 modes.

13 **MENU**
Press to open or close the Menu.

14 **e (Empowering Technology)**
Activate Acer Empowering Technology. See page 20.

15 **Directional keys/OK**

16 **MPX**
Press to select the sound input, displayed in the top right-hand corner (mono, stereo, bilingual).

17 **PIP/PBP/POP**
Switch between PIP/PBP/POP modes. See page 22.

18 **SWAP**
For PIP/PBP mode: Toggle between the primary and subscreens.

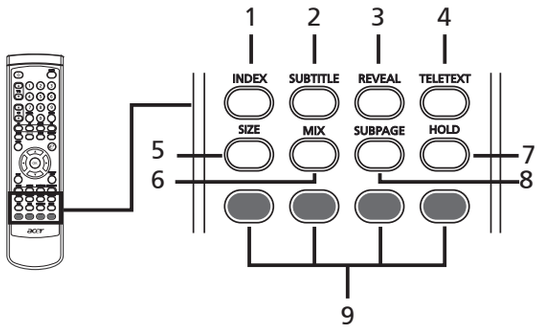
19 **ACTIVE**
Toggle between primary and subscreens.

20 **SIZE/MODE**
When in PIP mode: Change subscreen size.
When in POP mode: Switch POP mode from 1+5 to 1+12
See page 32.

21 **POSITION**
When in PIP mode: Change subscreen position.

7in1_User Guide_EU indb 10 2006/1/24 ¤U¤È 05:30:09

Teletext



1 INDEX
Press to go to the index page

2 SUBTITLE
Press to view subtitles on the screen.

3 REVEAL
Press to reveal hidden telext information

4 TELETEXT
Press to switch from TV/AV to Teletext mode.

5 SIZE
Press once to zoom teletext page to 2X.
Press again to resume.

6 MIX
Press to overlay teletext page on the TV image.

7 HOLD
Press to pause the current teletext page in multi-page viewing mode.

8 SUBPAGE
Press to access the teletext's subpages directly.

9 Colour buttons (R/G/Y/B)
Operates corresponding button on the teletext page.

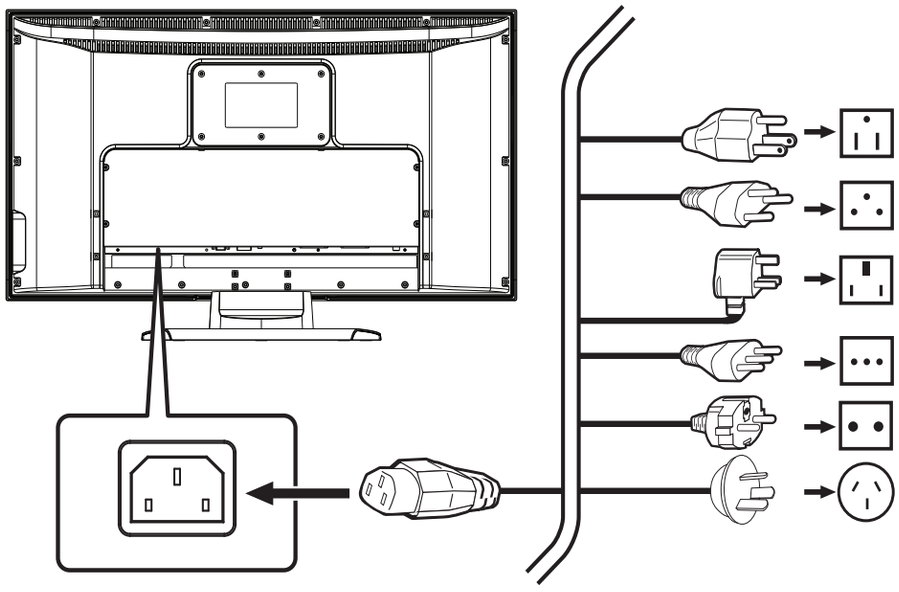
7in1_User Guide_EU indb 11 2006/1/24 ¤U¤È 05:30:10

Basic connections

Connecting the power cord

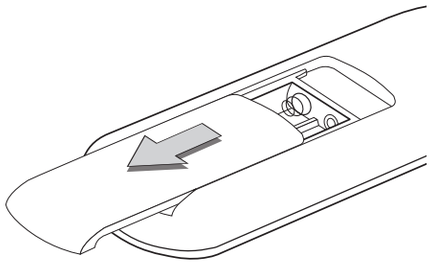
1 Connect the AC cord into the AC input on the back of the set.

2 Connect the plug to the wall outlet as shown.

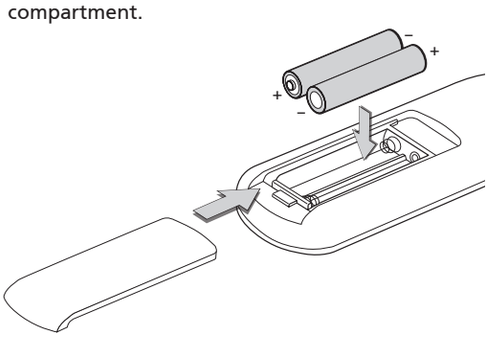


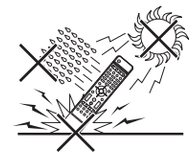
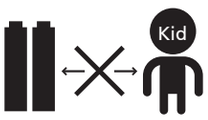
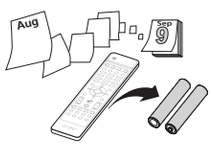
Setting up the remote control

1 Open the cover on the back of the remote unit.



2 Insert two AAA batteries (supplied) to match the polarity indicated inside the battery compartment.



Looking after your remote control	
	• Handle the remote control with care. Dropping, wetting or placing the remote control in sunlight may damage it.
	• Do not tamper with batteries. Keep them away from children.
	• When you anticipate that the remote control will not be used for an extended period, remove the batteries to prevent possible damage as a result of battery leakage.
	• Dispose of used batteries according to local regulations. Recycle if possible.

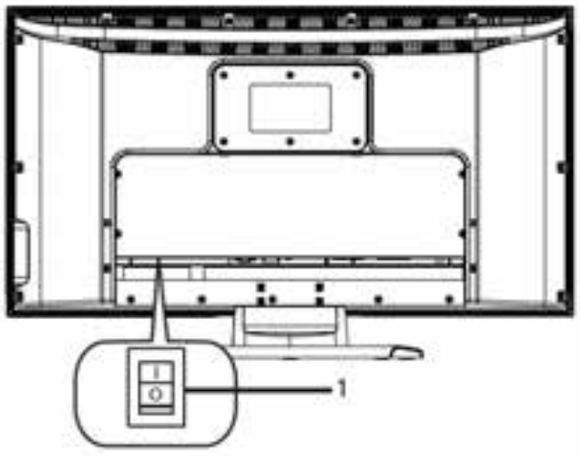
7in1_User Guide_EU indb 12 2006/1/24 ¤U¤È 05:30:13

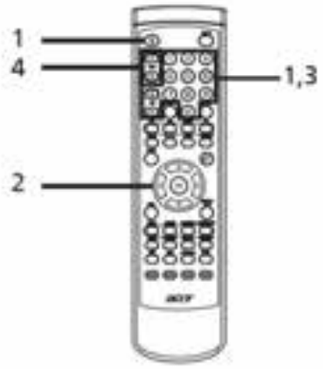
Enjoying analog TV

Connecting an antenna/cable

Connect the antenna cable to the appropriate antenna terminal on the back of the TV set as shown below.

Getting started watching your TV





1	Power	
		a. Turn on the power switch beneath the screen.
		b. Press the **power** button, **number** keys or **channel up/down** button on the remote control.
2	Setup Wizard	The first time you switch on the TV, the Setup Wizard will guide you to complete the language selection and channel scanning.
		Press the **OK** key to begin the setup process.

You can also adjust these settings using the front control panel. Please see "Front panel view" on page 8 for details.

7in1_User Guide_EU.indb 13 2006/1/24 오전 05:30:20

2	Setup Wizard	
		Step 1. Select the setup language you prefer.
		Step 2. Please select country.
		Step 3. Ensure that your co-axial cables are connected correctly before proceeding (see page 12 for details).

7in1_User Guide_EU indb 14 2006/1/24 ¤U¤È 05:30:22

2 Setup Wizard

Step 4. Scan for analog channels.

Step 5. Setup is now complete. You are ready to begin watching TV.

If you leave the setup process before it is complete, you will be given a choice of options:

1. Resume setup
2. Resume setup at next startup
3. Exit and don't remind me

Select an option and press **OK** to exit.

3 Changing channels

a. Press 0-9 on the remote control to select a channel. The channel changes after 2 seconds. Press **ENTER** to select the channel immediately.

b. Pressing the channel (**CH**) up/down button on the remote control will also change the channel.

4 Adjusting the volume

Adjust the volume level using the **(VOL)** up/down button on the remote control.

Setup may vary due to local broadcast differences.

7in1_User Guide_EU.indb 15 2006/1/24 05:30:24

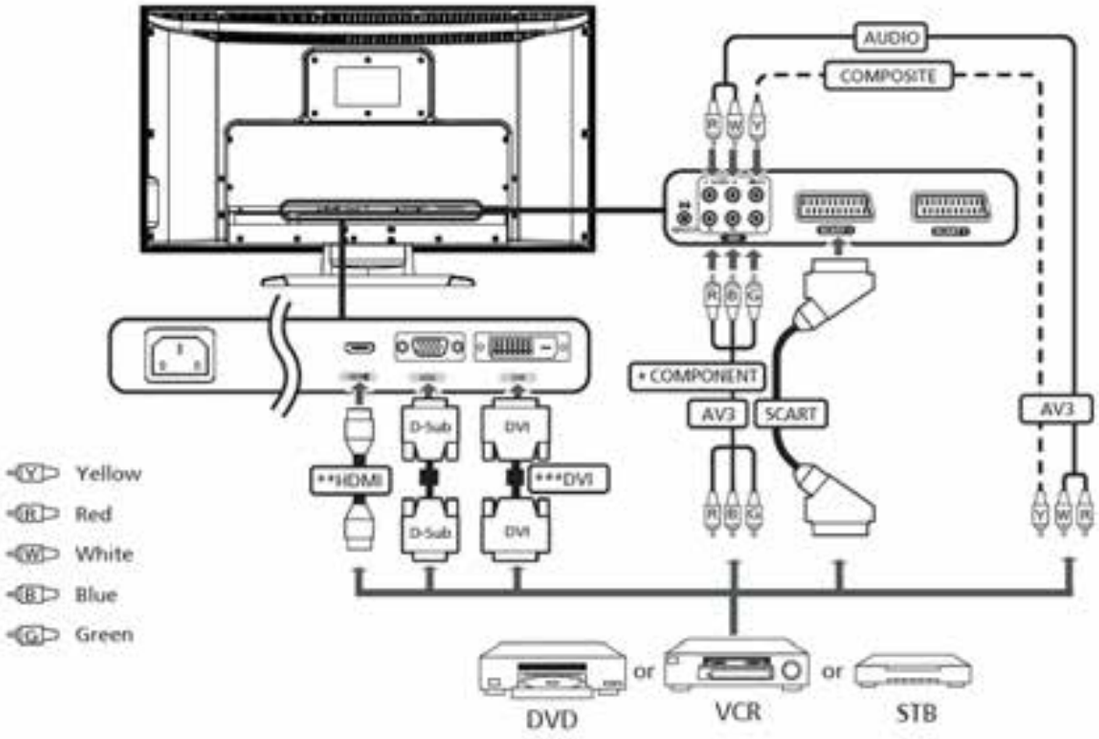
English

Connecting external audio/video devices

Connecting a DVD, VCR, STB or audio/video equipment

Connect your DVD player, VCR or audio/video equipment using the SCART port located at the rear of your LCD TV as shown below.

Source-IN

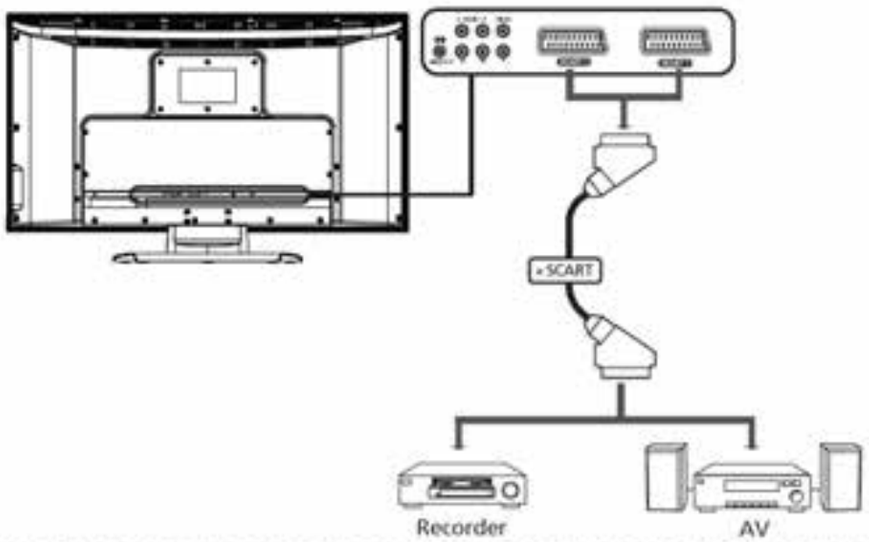


*Acer recommends the following priority for connection types: HDMI -> DVI ->Component -> SCART -> Composite.

**HDMI only for AT2604/AT2704/AT3204/AT3704

***DVI only for AT2604/AT2703/AT2704/AT3204/AT3704

TV-OUT

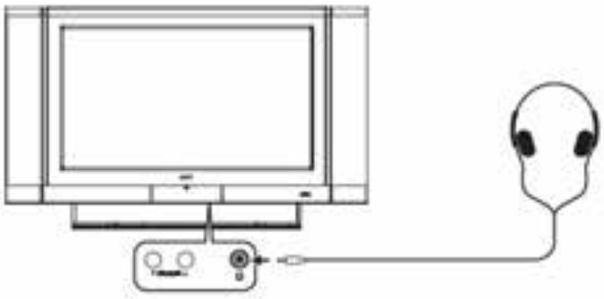


*SCART-out only works with analog broadcasts.

7in1_User Guide_EU.indb 16 2006/1/24 오전 05:30:30

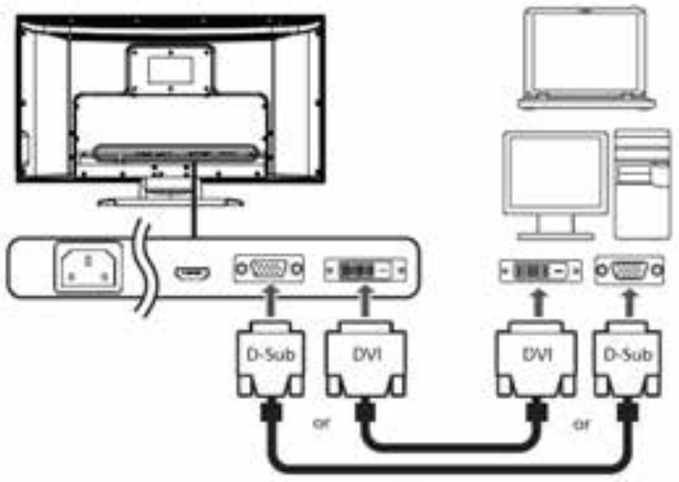
Connecting a camera, camcorder, video game or headphones

Connect your camera or camcorder to the video/audio ports on the bottom of the TV set as shown below.



Connecting a PC or notebook computer

To display PC output on your TV, connect your PC or notebook computer to the TV as shown below.



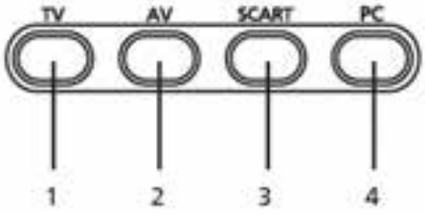
For VGA and DVI input, Acer recommends setting your PC's external monitor resolution to 1360 x 768 pixels @ 60 Hz refresh rate.

DVI only for AT2604/AT2703/AT2704/AT3204/AT3704

Selecting the input source

Once you have connected your antenna or external equipment to the TV, you need to select the correct input source.

Press the corresponding button on the remote control to select the correct input source.



Input button guide:

1 **TV key**
Toggle Analog TV (ATV) between input sources.

2 **AV key**
Toggle AV3 and HDMI(*) between input sources.

3 **SCART key**
Toggle SCART1 and SCART2 between input sources.

4 **PC key**
Toggle VGA and DVI(**) between input sources.

*HDMI only for AT2604/AT2704/AT3204/AT3704

**DVI only for AT2604/AT2703/AT2704/AT3204/AT3704

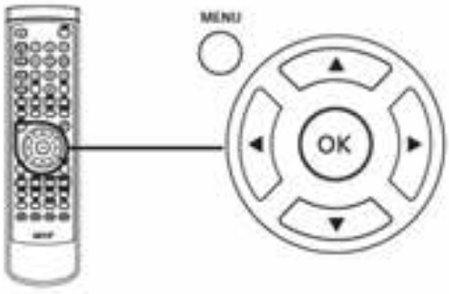
7in1_User Guide_EU.indb 17 2006/1/24 오전 05:30:33

OSD navigation

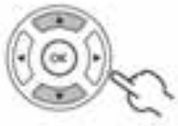
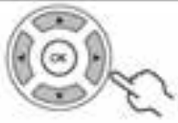
Many of the advanced settings and adjustments are available through using the OSD (onscreen display) menus, as shown in the example screenshot below.

Basic operations required to navigate these menus (Picture, Audio, Channel management, Options, Settings, Empowering) are described in this section. The first time you access the OSD, you will be asked to choose your language settings.

Navigating the OSD with the remote control



You can also interact with these menus using the front panel controls. Please see "Front panel view" on page 8 for details.

There are six main OSD menus. These are: Picture, Audio, Channel management, Options, Settings and Empowering. Use the following method to navigate these menus.		
1		Press the **MENU** button on the remote control or the **MENU** button on the control panel.
2		Select your desired menu by using the up and down **directional keys** to switch between the six menus.
3		Use the **directional keys** to interact with the menu. The up/down directions will scroll through the menu options, while left/right will adjust the different settings (for example, in the Picture menu, settings such as brightness, contrast, etc.). Press **OK** to confirm. Press **MENU** to exit.

7in1_User Guide_EU.indb 18 2006/1/24 ¤U¤È 05:30:33

Adjusting the OSD settings

The OSD can be used for adjusting the settings of your LCD TV.

Press the **MENU** key to open the OSD. You can use the OSD to adjust the picture quality, audio settings, channel settings, general settings and the Empowering Technology settings. For advanced settings, please refer to following page:

Adjusting the picture quality

1 Press the **MENU** key to bring up the OSD.

2 Using the directional keys, select **Picture** from the OSD. Then navigate to the picture element you wish to adjust.

3 Use the left or right keys to adjust the sliding scales.

4 The **Picture** menu can be used to adjust the current Scenario mode, brightness, contrast, color, sharpness and other image-related qualities.

Adjusting the audio settings

1 Press the **MENU** key to bring up the OSD.

2 Using the directional keys, select **Audio** from the onscreen display. Then navigate to the feature you wish to adjust.

3 Use the up or down keys to adjust the sliding scale. Press **OK** to save.

4 The **Audio** menu can also be used to adjust the treble, balance, sound effects and other important sound-related settings

Adjusting the channel management

1 Press the **MENU** key to bring up the OSD.

2 Using the directional keys, select **Channel management** from the OSD.

3 Use the directional keys to navigate the menus.

4 The **Channel management** menu can be used to adjust, and set the TV ratings.

Adjusting other options

1 Press the **MENU** key to bring up the OSD.

2 Using the directional keys, select **Options** from the OSD.

3 Use the directional keys to navigate the menus.

4 The **Options** menu can be used to select the picture aspect-ratio mode, and set the sleep timer.

Adjusting the settings

1 Press the **MENU** key to bring up the OSD.

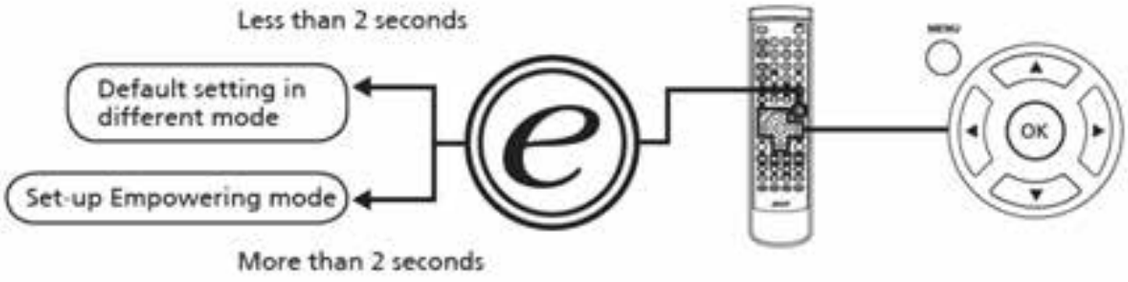
2 Using the directional keys, select **Settings** from the OSD. Then navigate to the feature you wish to adjust.

3 The **Settings** menu can be used to adjust the menu language, time zone, set the PIN, the TV censorship levels, and other important settings.

The options available on the OSD may vary depending on the TV signal source.

7in1_User Guide_EU indb 19 2006/1/24 ¤U¤È 05:30:37

Empowering Technology



The Empowering Key opens up the Acer Empowering Technology functions. In TV mode, the choice is between Scenario mode and Favourite channel; see page 21 for details. The default setting for both modes is Scenario mode.

Set-up Empowering mode

To change your Empowering Key's default setting:

1		Press and hold the **Empowering Key** for more than **two seconds** to open the menu.
2	More than 2 seconds **TV mode** Empowering Key settings menu	
		Use the **directional keys** to navigate the menu and select the Empowering Technology icon.
3	MENU 	Press **MENU** to exit. Now, when you press the Empowering Key, your chosen selection will be accessed.

7as1_User Guide_EU.indb 20 2006/1/24 ¤U¤È 05:30:40

Default setting in different Empowering mode

Scenario mode in TV (default setting)

Scenario mode has five preset viewing modes designed to give you the best picture quality when watching a particular kind of programme. There are five pre-defined audio and video settings for optimal enjoyment of the following scenarios: Standard TV, Movie, Sport, Concert, Game, User.

	Pressing the **Empowering Key** for less than **two second** will toggle between the different modes.

Mode	Information
Standard	Standard mode allows you to watch your favourite channels with sharp, brilliant imagery via adaptive brightness and contrast adjustments, and listen to clear-sounding audio.
Movie	For comfortably enjoying movies at home, Movie mode displays dim scenes in clear detail; compensates for color; and smoothly presents motion images. This is accomplished through optimal Gamma correction plus saturation, brightness and contrast adjustments. Movie mode makes the most of high-definition movie soundtracks.
Game	Game mode carefully details the exquisite graphics of modern video games, providing lifelike entertainment while protecting your eyesight by adjusting brightness and contrast. What's more, Game mode provides a heightened audio experience.
Sports	Sports mode is suited for outdoor sports programmes, with accurate background depth and clear gradation between the bright, outdoor playing field and darker auditoriums. Sports mode also brilliantly enhances colors and presents swiftly moving pictures without residual images. All of this is achieved via specific Gamma corrections and saturation adjustments. Precise audio can be heard.
Concert	Concert mode places you in a virtual concert hall, opera house or other dim environment by means of adaptive brightness and contrast adjustments. Concert mode accentuates symphonic harmonies and the tenor audio range.

Favourite channel mode in TV

Favourite channel allows you to store five of your favourite TV channels and flick between them at the touch of a single button.

To set Favourite channel as the default, follow the steps described on page 20.

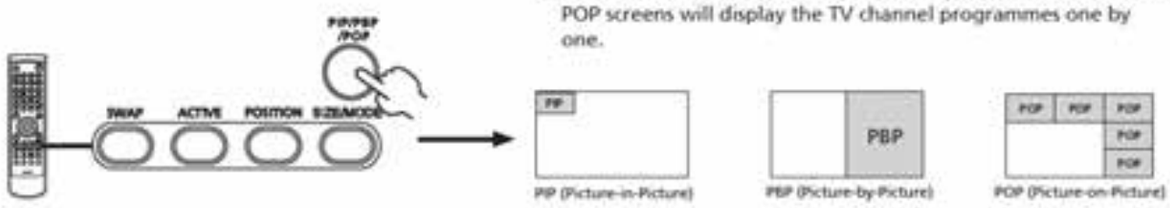
Storing favourite channels		
1		Select your desired channel, then press the **MENU** key on the remote control.
2		Use the **directional keys** to navigate the menu and select the Empowering Technology icon.
3		Navigate to a channel slot, use CH up/down button or number key to change channel. There are a total of five slots in which you can store TV programmes.
Viewing your favourite channels		
		On the remote control, if you press the **Empowering Key** for less than two second, the TV will toggle between the five stored TV channels sequentially according to your list of favourites.

7in1_User Guide_EU.indb 21 2006/1/24 ¤U¤È 05:30:43

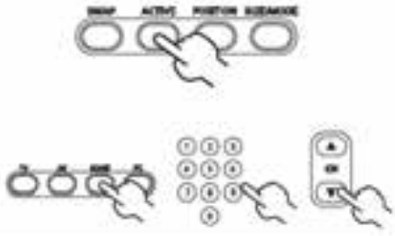
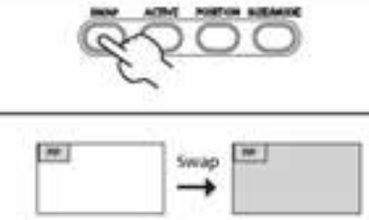
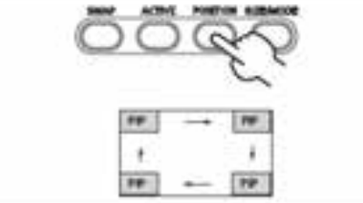
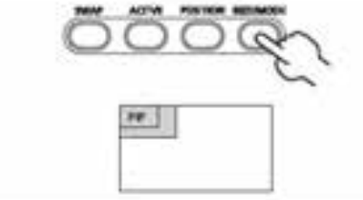
Advanced features

PIP/PBP/POP

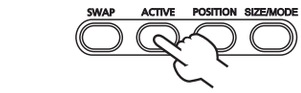
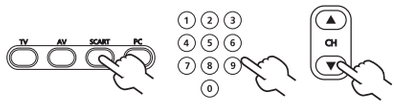
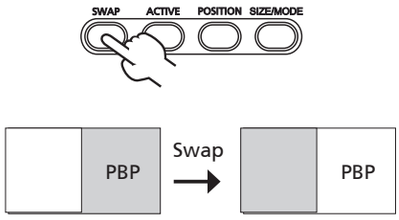
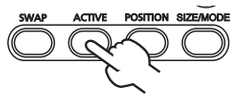
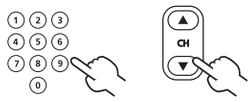
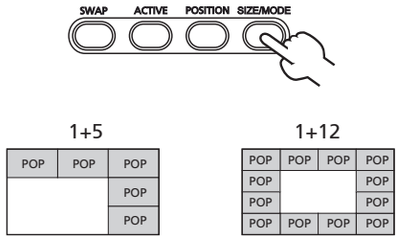
- Press the PIP/PBP/POP button once to display activate picture-in-picture (PIP).
- Press twice to activate picture-by-picture (PBP).
- Press three times to activate picture-on-picture (POP).Then, the POP screens will display the TV channel programmes one by one.



1. For a list of the available sources for this feature, please refer to the appendix at the end of this manual.

PIP		1a. Press the **ACTIVE** key to toggle between PIP screens. 1b. Press the **TV**, **AV**, **SCART** or **PC** keys, number keys or **CH** up or down to change the content of the active screen.
		2. Press the **SWAP** key to change the content between the primary and the subscreen.
		3. Press the **POSITION** key to select the location of the subscreens, from upper left -> upper right -> lower right -> lower left, as shown in the image.
		4. Press the **SIZE/MODE** key to select the size of the subscreen, from 25% -> 37.5% -> 50%, as shown in the image.

7in1_User Guide_EU.indb 22 2006/1/24 05:30:48

<table>
<tr><td rowspan="3">PBP</td><td> 
</td><td>1a. Press the ACTIVE key to toggle between PBP screens.</td></tr>
<tr><td> 
</td><td>1b. Press the TV, AV, SCART or PC keys, number keys or CH up or down to change the content of the active screen.</td></tr>
<tr><td> 
</td><td>2. Press the SWAP key to change the content between the primary and the PBP screen.</td></tr>
<tr><td rowspan="3">POP</td><td> 
</td><td>1a. Press the ACTIVE key to toggle between POP screens.</td></tr>
<tr><td> 
</td><td>1b. Press the number keys or CH up or down to change the TV channel on the active screen.</td></tr>
<tr><td> 
</td><td>2. Press the SIZE/MODE key to access the 1 + 5 or 1+12 picture-on-picture mode as shown in the image.</td></tr>
</table>

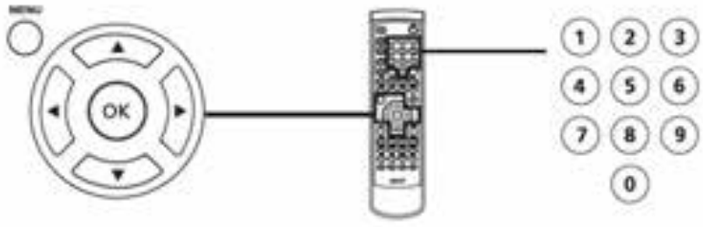
7in1_User Guide_EU indb 23 2006/1/24 ¤U¤È 05:30:52

Lock TV

Locking TV content

Lock TV is a handy feature that can block a single channel, multiple channels or all TV sources.

Lock TV allows you to enter a password and effectively stop anyone without the password from watching TV.



To enable this feature:

Setting a personal PIN			
1			Press the **MENU** key on the remote control to bring up the OSD.
2			Use the **directional keys** to navigate to the Settings menu. Then select **Set PIN**. (see note)
3			Enter a four-digit password. Type it again and press **OK** to reconfirm.
4			Press **MENU** to exit.

The default PIN for this TV is "0000." First enter "0000" when you want to change the PIN. If you forget your PIN, please enter 6163 to reset.

7as1_User Guide_EU.indb 24 2006/1/24 05:30:33

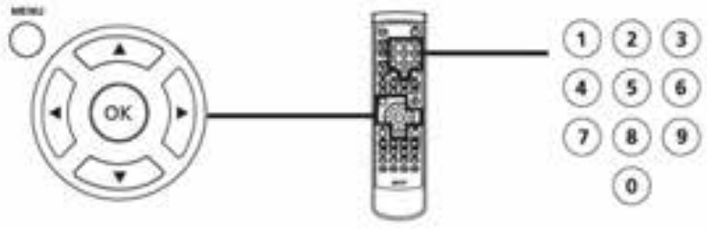
Locking a single channel			
1		Navigate to the channel you wish to manage.	
2			Press the **MENU** key on the remote control to bring up the OSD.
3		Use the **directional keys** to navigate to the Channel management menu. Then select **Lock This Channel**.	
4		Enter your PIN. Type it again and press **OK** to reconfirm.(see page 24)	

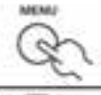
Locking your TV			
1			Press the **MENU** key on the remote control to bring up the OSD.
2		Use the **directional keys** to navigate to the Settings menu. Then select **Lock TV**.	
3		Enter your PIN. Type it again and press **OK** to reconfirm.(see page 24 note)	

7in1_User Guide_EU.indb 25 2006/1/24 ¤U¤È 05:30:58

Re-scan for channels

The first time you completed the setup wizard, all available channels were listed. If you need to re-scan for new channels, please follow the steps below:



Scanning for channels			
1		Press the **MENU** key on the remote control to bring up the OSD.	
2		Use the **directional keys** to navigate and select Channel Management.	
3			Highlight **Auto Scan**. Then, select Start and press **OK** to begin.
4		Select **OK** and press **MENU** to exit.	

7in1_User Guide_EU multi 26 2006/1/24 ¤U¤È 05:31:01

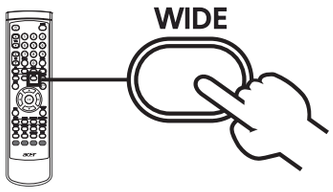
Widescreen display mode

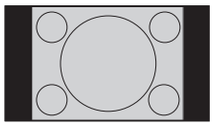
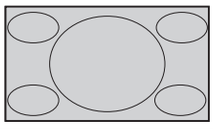
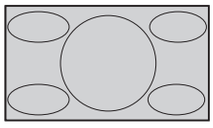
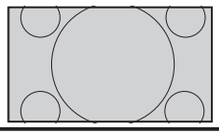
Your Acer LCD TV has a special widescreen mode that allows you to toggle between 4:3, 16:9, Panorama, and Letterbox 1, 2 and 3. type views.

Press the **WIDE** key on the remote control to toggle the display between the four wide modes.

Wide mode

The Acer LCD contains four widescreen modes, including 4:3, 16:9, Panorama, and Letterbox 1, 2 and 3.

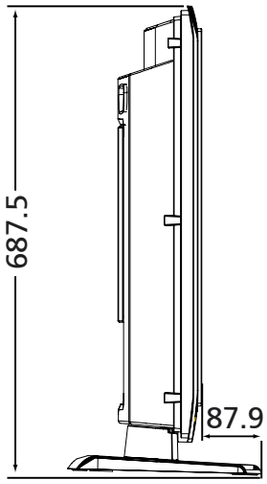


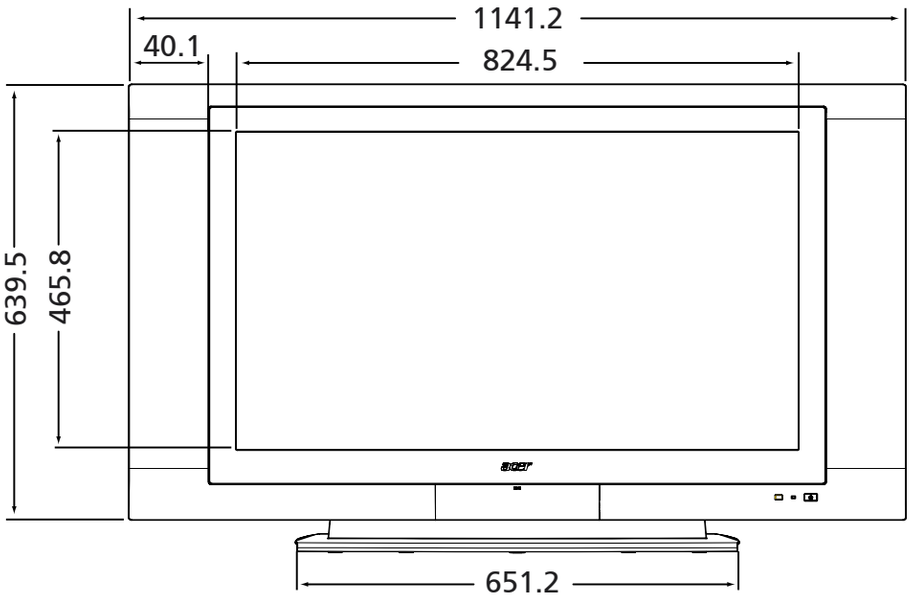
4:3 	For 4:3 standard pictures. A side bar appears on each side.
16:9 	In this mode, the whole picture is stretched toward each side of the screen.
Panorama 	In this mode, the picture is progressively stretched toward each side of the screen.
Letterbox 1, 2, and 3 	In this mode, the picture is enlarged linearly to fit the screen. The top and bottom portions of the picture may be cut off.

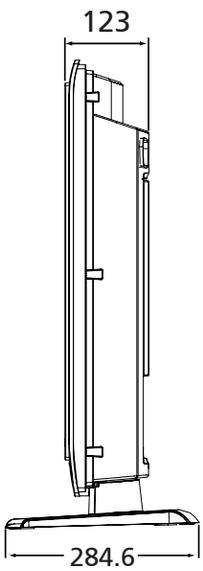
7in1_User Guide_EU indb 27 2006/1/24 ¤U¤È 05:31:03

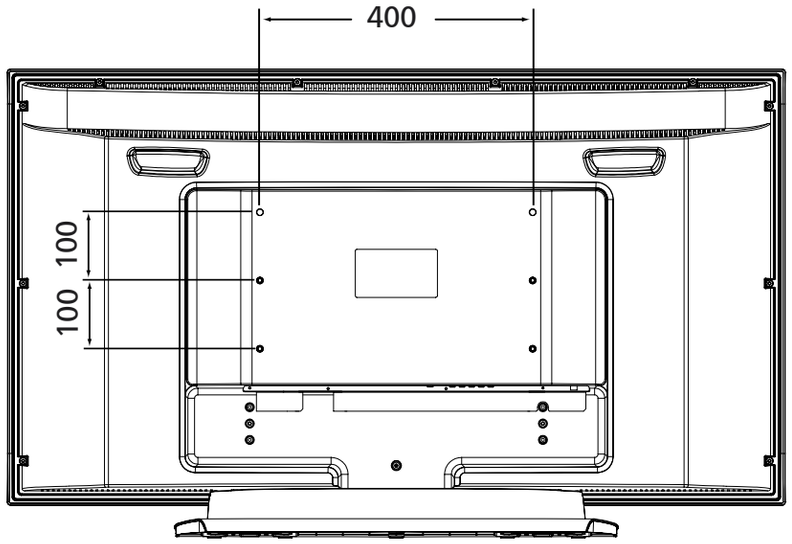
Dimensions

AT3704





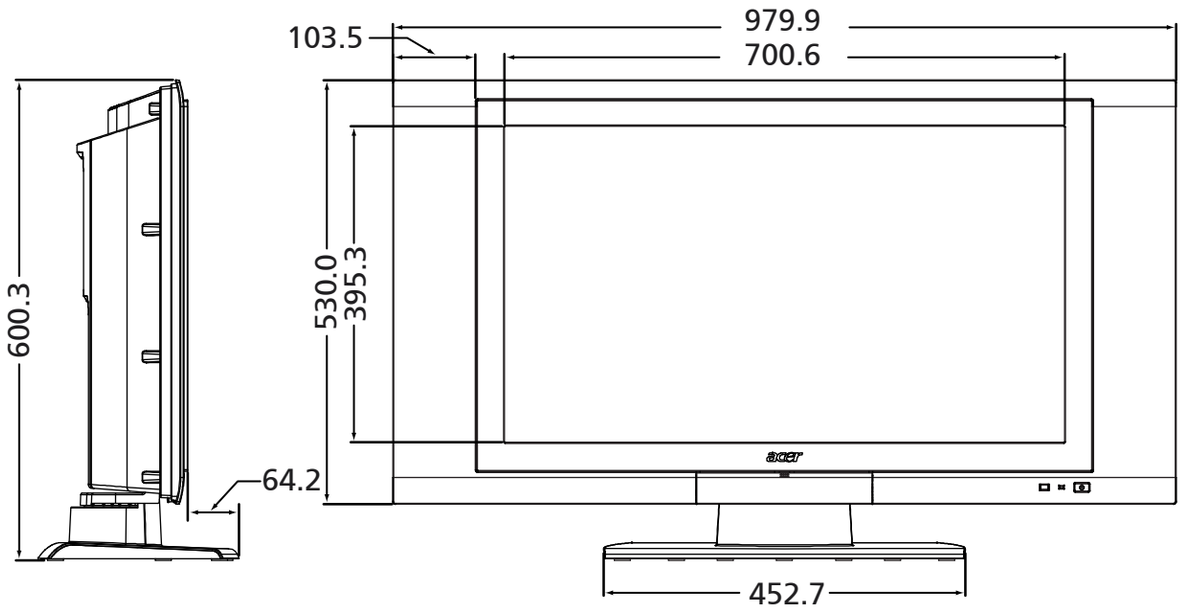


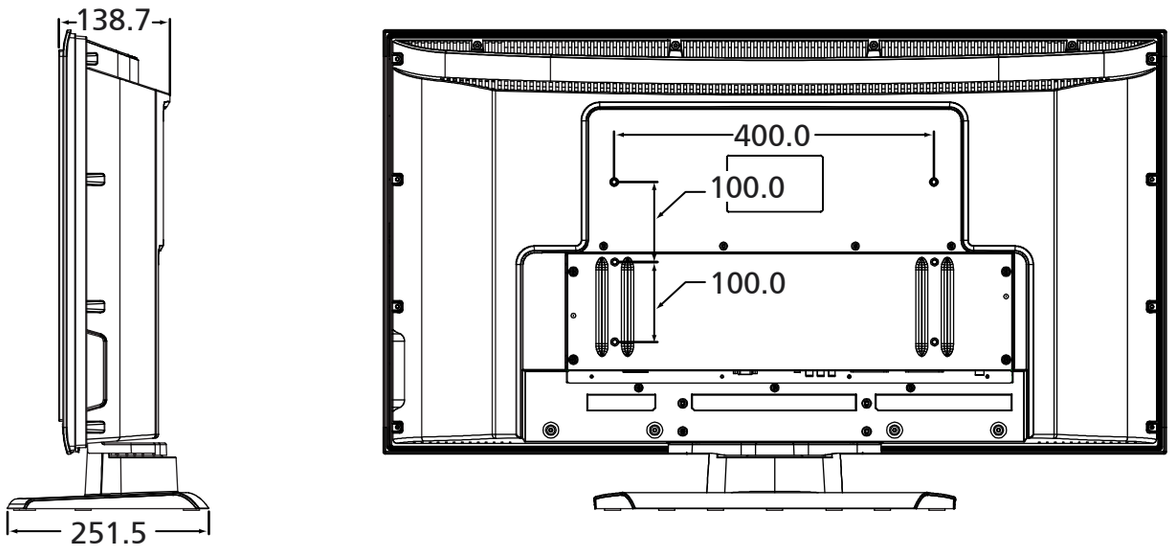


Unit: mm

7in1_User Guide_EU indb 28 2006/1/24 ¤U¤È 05:31:04

AT3202/AT3204

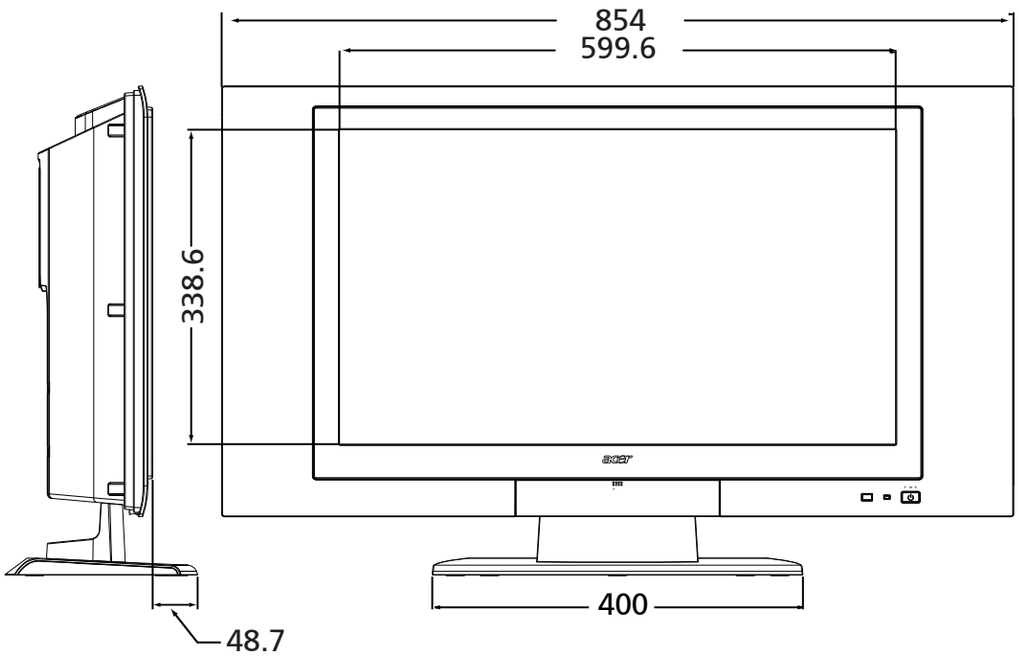


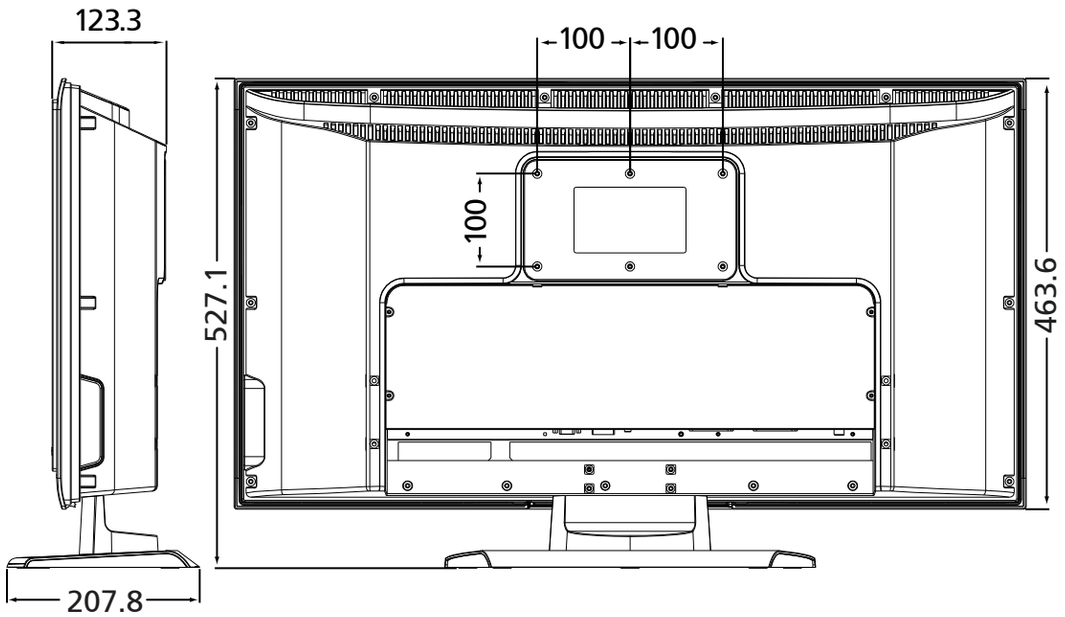


Unit: mm

7in1_User Guide_EU indb 29 2006/1/24 ¤U¤È 05:31:06

AT2703/AT2704

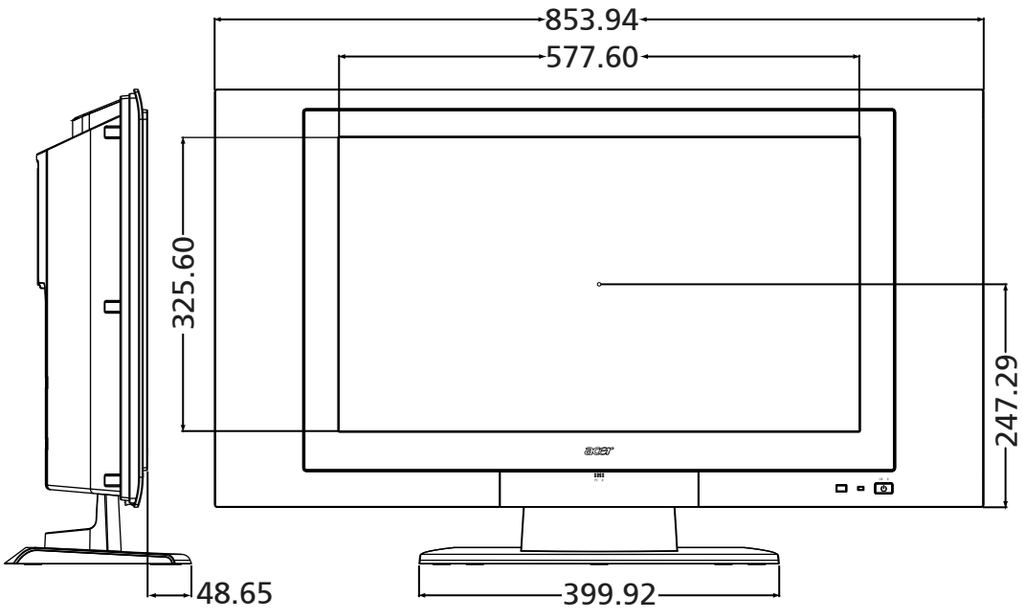


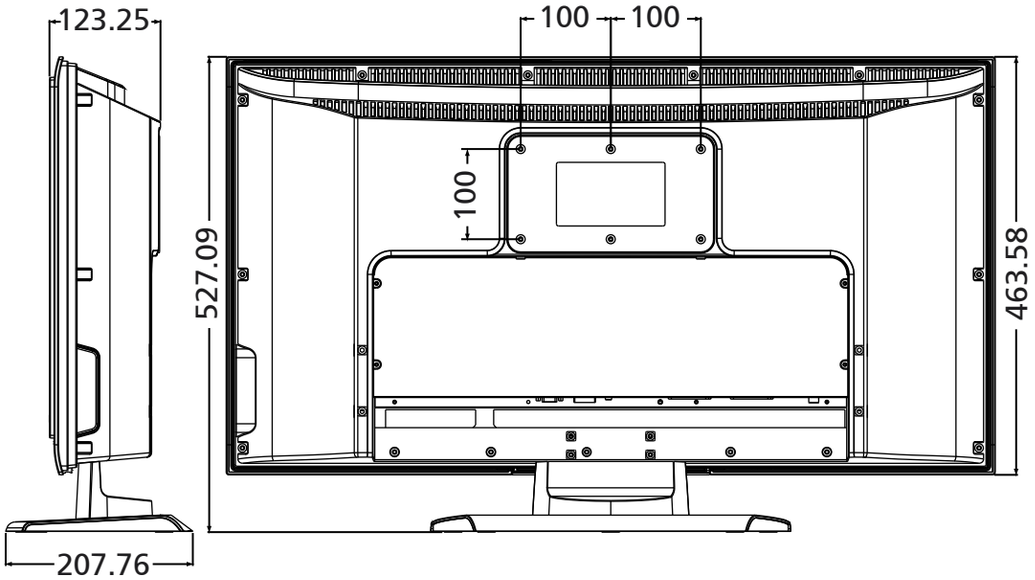


Unit: mm

7in1_User Guide_EU indb 30 2006/1/24 ¤U¤È 05:31:08

AT2602/AT2604





Unit: mm

7in1_User Guide_EU indb 31 2006/1/24 ¤U¤È 05:31:10

Appendix-Source Options

PIP/PBP

Main / Sub	TV	SCART1	SCART2	AV3	VGA
TV	X	X	X	X	●
SCART1	X	X	X	X	●
SCART2	X	X	X	X	●
AV3	X	X	X	X	●
VGA	●	●	●	●	X

POP

Main / Sub	TV	SCART1	SCART2	AV3	VGA
TV	X	X	X	X	●
SCART1	X	X	X	X	X
SCART2	X	X	X	X	X
AV3	X	X	X	X	X
VGA	X	X	X	X	X

●: Supported
X: Not supported

7in1_User Guide_EU indb 32 2006/1/24 ¤U¤È 05:31:11

Troubleshooting

Before you call the Acer service center, please check the following items:

Here is a list of possible situations that may arise during the use of your LCD TV. Easy answers and solutions are provided for each.

There is no picture or sound.

- Make sure the power cord is properly inserted in the power outlet.
- Make sure the input mode is correctly set by your selected input.
- Make sure the antenna at the rear of the TV is properly connected.
- Make sure the main power switch is turned on.
- Make sure the volume is not set to minimum or the sound is not set to mute.
- Make sure the headphones are not connected.
- Reception other than those of broadcasting stations can be considered.

Picture is not clear.

- Make sure the antenna cable is properly connected.
- Consider whether your TV signal is being properly received.
- Poor picture quality can occur due to a VHS camera, camcorder, or other peripheral being connected at the same time. Switch off one of the other peripherals.
- The 'ghost' or double image may be caused by obstruction to the antenna due to high-rise buildings or hills. Using a highly directional antenna may improve the picture quality.
- The horizontal dotted lines shown on the pictures may be caused by electrical interference, e.g., hair dryer, nearby neon lights, etc. Turn off or remove these.

Picture is too dark, too light or tinted.

- Check the color adjustment.
- Check the brightness setting.
- Check the sharpness function.
- The fluorescent lamp may have reached the end of its service life.

Remote control does not work.

- Check the batteries of the remote control.
- Make sure the remote sensor window is not under strong fluorescent lighting.
- Try to clean the remote control sensor lens on the TV with a soft cloth.
- Use the buttons (hotkeys) on the TV before the remote control works.

If the above suggestions do not solve your technical issue, please refer to the warranty card for service information.

7in1_User Guide_EU indb 33 2006/1/24 ¤U¤È 05:31:12

Product specifications

Model	AT3704	AT3202/AT3204
Panel spec		
Resolution (pixels)	1366 x 768	1366 x 768
Brightness (tpe.)	500 nits	500 nits
Contrast Ratio (tpe.)	800:1	800:1
Display color	16.7 M	16.7 M
Viewing angle (tpe.)	H: 176° ; V:176°	H: 170° ; V:170°
Response (tpe.)	9ms (gray to gray)	16ms (gray to gray)
Power supply		
Input	100V~240V -AC. (47 ~ 63 HZ)	90V~264V -AC. (47 ~ 63 HZ)
Max. power consumption	235 W	180 W
Power saving	5W	5W
Mechanical		
Dimensions (W x H x D mm)	1141 x 687 x 284	980 x 600 x 252
Weight (Kg)	20	19.5
Weight (lbs)	43	43
Gross Weight (Kg)	22.5	22.5
Gross Weight (lbs)	49.6	49.6
Wall Mounting (mm)	400 x 200	400 x 200
Analog TV system		
TV Color system	PAL, SECAM	PAL, SECAM
Sound system	B/G/D/K/I/L (multi-European)	B/G/D/K/I/L (multi-European)
Stereo system	NICAM/A2	NICAM/A2
TV Tuner System	PLL, 45.25Mhz-862.25Mhz	PLL, 45.25Mhz-862.25Mhz
Subtitles	Teletext 1.5	Teletext 1.5
Analog TV-tuner quantity	1	1
Terminal		
Analog Tuner In	Yes	Yes
SCART1	CVBS (In/Out), RGB(In), AudioR/L	CVBS (In/Out), RGB(In), AudioR/L
SCART2	CVBS (In/Out), RGB(In), AudioR/L	CVBS (In/Out), RGB(In), AudioR/L
AV3 in	YPbPr, YCbCr, CVBS, AudioR/L	YPbPr, YCbCr, CVBS, AudioR/L
DVI in*	Yes*	Yes*
HDMI in**	Yes**	Yes**
PC D-sub in	Yes	Yes
PC audio-in	Yes	Yes
Audio system		
Speaker	15 W + 15 W	10 W + 10 W

* DVI only for AT2604/AT2703/AT2704/AT3204/AT3704

** HDMI only for AT2604/AT2704/AT3204/AT3704

7in1_User Guide_EU indb 34 2006/1/24 ¤U¤È 05:31:12

Model	AT2703/AT2704	AT2602/AT2604
Panel spec		
Resolution (pixels)	1366 x 768	1366 x 768
Brightness (tpe.)	500 nits	500 nits
Contrast Ratio (tpe.)	1000:1	600:1
Display color	16.7 M	16.7M
Viewing angle (tpe.)	H: 176° ; V:176^{0}	H:170° ; V:170°
Response (tpe.)	8ms (gray to gray)	16ms (gray to gray)
Power supply		
Input	90V~264V -AC. (47 ~ 63 HZ)	90V~264V -AC. (47~63 HZ)
Max. power consumption	150 W	150W
Power saving	5W	5W
Mechanical		
Dimensions (W x H x D mm)	854 x 527 x 207	854 x 527 x 207
Weight (Kg)	15.5	15.5
Weight (lbs)	34.2	34.2
Gross Weight (Kg)	16.5	16.5
Gross Weight (lbs)	36.4	36.4
Wall Mounting (mm)	200 x 100	200 x 100
Analog TV system		
TV Color system	PAL, SECAM	PAL, SECAM
Sound system	B/G/D/K/I/L (multi-European)	B/G/D/K/I/L (multi-European)
Stereo system	NICAM/A2	NICAM/A2
TV Tuner System	PLL, 45.25Mhz-862.25Mhz	PLL, 45.25Mhz-862.25Mhz
Subtitles	Teletext 1.5	Teletext 1.5
Analog TV-tuner quantity	1	1
Terminal		
Analog Tuner In	Yes	Yes
SCART1	CVBS (In/Out), RGB(In), AudioR/L	CVBS (In/Out), RGB(In), AudioR/L
SCART2	CVBS (In/Out), RGB(In), AudioR/L	CVBS (In/Out), RGB(In), AudioR/L
AV3 in	YPbPr, YCbCr, CVBS, AudioR/L	YPbPr, YCbCr, CVBS, AudioR/L
DVI in*	Yes*	Yes*
HDMI in**	Yes**	Yes**
PC D-sub in	Yes	Yes
PC audio-in	Yes	Yes
Audio system		
Speaker	5 W + 5 W	5 W + 5 W

* DVI only for AT2604/AT2703/AT2704/AT3204/AT3704

** HDMI only for AT2604/AT2704/AT3204/AT3704

7in1_User Guide_EU indb 35 2006/1/24 ¤U¤È 05:31:12